

Converting Colors

Hex(1A8376)

Have a look what the booklet for
Hex(1A8376) contains.

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Color

Hex(1A8376)

Conversions

Conversions Part 1

Format	Color
Hex	1A8376
RGB	26, 131, 118
RGB Percent	10%, 51%, 46%
CMY	0.8980, 0.4863, 0.5373
CMYK	0.80, 0.00, 0.10, 0.49
HSL	173°, 67%, 31%
HSV	173°, 80%, 51%
XYZ	11.8123, 17.7602, 19.9450
YIQ	98.1230, -58.4070, -26.3030

Conversions

Conversions Part 2

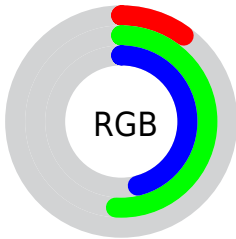
Format	Color
RYB	26, 82, 131
Decimal	1737590
CIELab	49.20, -31.53, -1.16
CIElCh	49, 31.555, 182.115
Yxy	17.7602, 0.2385, 0.3587
Android (android.graphics.Color)	4279927670 (0xFF1A8376)
YUV	98.1230, 9.7994, -63.2519
Hunter-Lab	42.1429, -23.7179, 1.4397




Details

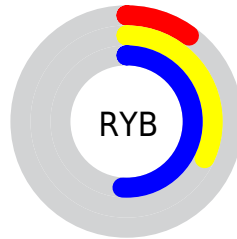
The Hex color **1A8376** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **831A27**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **5AB9AA**, and **005146** is the 20% darker color. If you saturate the color by 10%, you get **0D8374**, and if you desaturate by 10%, it is **278378**.

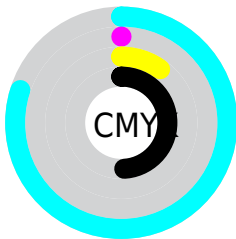
Distribution







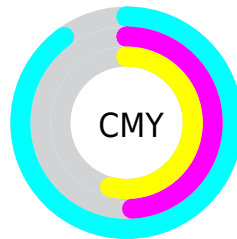
-  Red (10%)
-  Green (51%)
-  Blue (46%)






-  Red (10%)
-  Yellow (32%)
-  Blue (51%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (49%)



-  Cyan (90%)
-  Magenta (49%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A8376 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1A8376 by changing the saturation by 10% instead.

 1A8376

 1A8376

FFFFFF

 00695D

 5AB9AA

 005146

 77D5C5

 003930

 93F1E1

 00241B

 AFFFFE

 000000

 CCFFFF

 EAFFFF

 1A8376

 1A8376

 0D8374

 278378

■ 008373

■ 348379

■ 41837B

■ 4E837C

■ 5B837E

■ 698380

■ 768381

■ 838383

■ 908385

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47815B



1A8376



008290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1A8376



7A6DA2



9A6B46

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1A8376



831A27

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A7625A



1A8376



98648E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1A8376



4F77AA



A76074



84743F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1A8376



00809E



A76074



A0684C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1A8376



82ABA6



28831A



3E5754



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1A8376



07AB97



1A5D83



3C4241



008272



000302

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



831A27



AB071B



83411A



423C3C



820010



030000

Previews

White Background



This preview shows how the Hex color 1A8376 looks on a white background.

Color Contrast Check

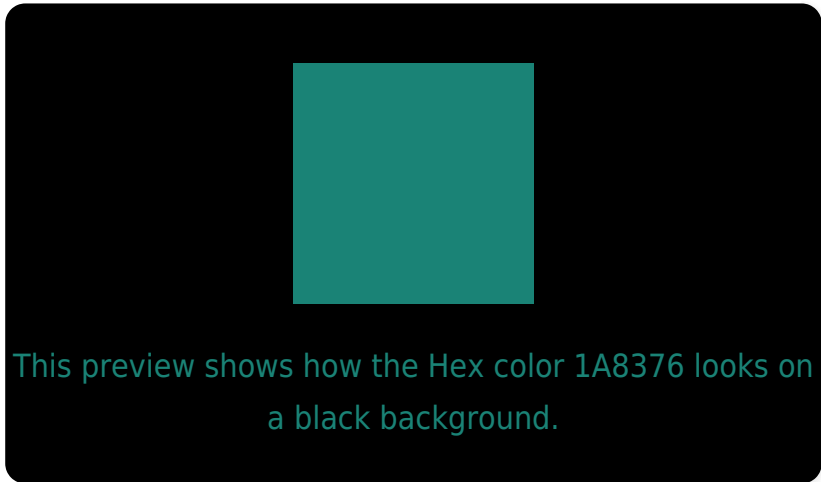
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

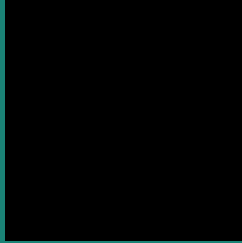
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1A8376 Background



This preview shows how black text looks on a background with the Hex color 1A8376.

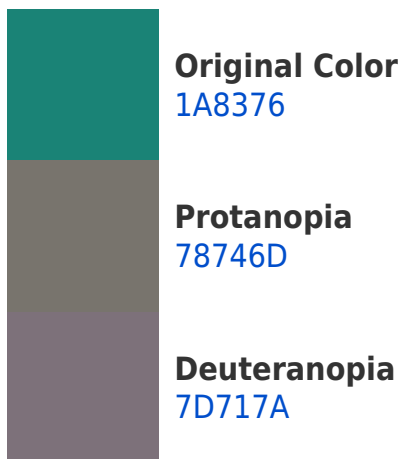


This preview shows how white text looks on a background with the Hex color 1A8376.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

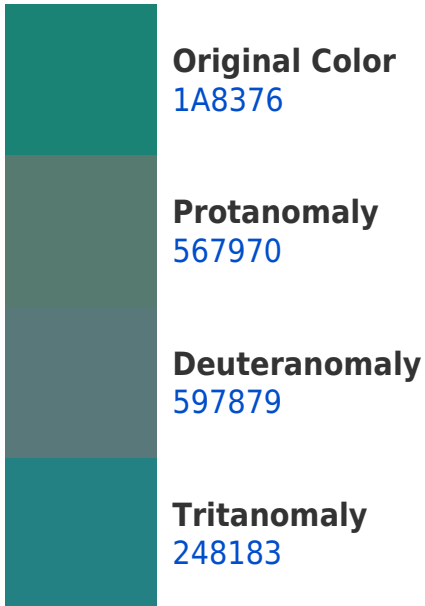
Dichromacy



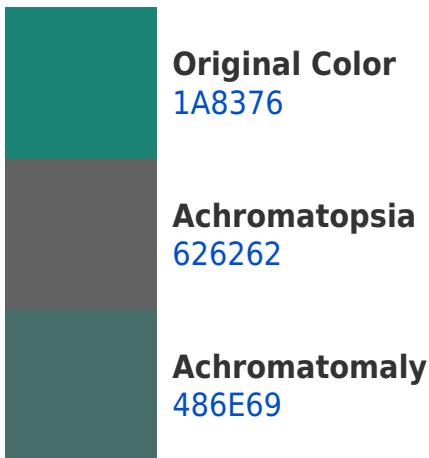


Tritanopia
29808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A8376 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1A8376 looks like.

```
.text, #text, p{  
    color:#1A8376  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1A8376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8376
}
```

Border

The CSS property to change the border of an element to Hex 1A8376 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A8376 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1A8376 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1A8376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8376; -webkit-box-shadow:4px 4px  
4px 4px #1A8376; box-shadow:4px 4px 4px  
4px #1A8376 }
```

Background

The CSS property to change the background color of an element to Hex 1A8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8376 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1A8376 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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